

Pezzuto, Helen

From: Fuller, Kathleen
Sent: Tuesday, October 31, 2006 2:51 PM
To: Pezzuto, Helen
Subject: 10/670478



pez870.rtf

The first 10 answers printed are the applicants with the same application number as this application. Notice that the structures indexed show 3 or more monomers per polymer, not the combinations of monomer shown for blocks 1, 2 and 3 on pages 21-24. Claims 15 and 39 do claim that the block polymer must be one of 5 listed. I did search for this within the structure search I did. I did a broad search for all possible acrylates, limited the results to acrylates and to 3 or more monomers. In CA I used the keywords you suggested and limited by prep and date for 82 CA references I printed only one structure per reference because there were over 300 hit structures from the 82 answers. Answers 5,6 and 7 look good but the dates are not good. At the end of the 82 references are 10 more references from the polymers indexed for the applicants. Answers 1 and 2 are good but again the dates are not.

Kathleen Fuller
team leader EIC1700
Remsen 4B28
571/272-2505

Pezzuto, Helen

From: STIC-EIC1700@uspto.gov
Sent: Friday, October 20, 2006 8:38 PM
To: Pezzuto, Helen
Subject: Database Search Request Confirmation, Serial Number: 10/670,478

Examiner HELEN PEZZUTO:

This is a machine-generated confirmation email to let you know that your search request has been sent to EIC TC1700.

Searches are processed in the order in which they are received. Upon receiving your request, a searcher will contact you to discuss your search. You will be notified again when your search is completed. At that time, you may pick up your search in the EIC. If you prefer, the search will be delivered directly to your office. Deliveries are made twice a day, once in the midmorning and again in the afternoon.

If you have any immediate questions you can contact us at 571-272-2520.

Thank you very much for using the EIC. The text of your request is below.

Your name: **HELEN PEZZUTO**
Email address: **HELEN.PEZZUTO@USPTO.GOV**
Employee number: **70058**
Art Unit: **GROUP ART UNIT 1713**
Office Location: **REM 10A11**
Phone Number: **(571)272-1108**
Mailbox Number:

Case serial number: **10/670,478**
Class / Subclass(es): **525/242, 294, 296, 301, 302, 308**
Earliest Priority Filing Date: **9/26/02**
Format preferred for results: **E-mail**
Search Topic Information:

Please search a "triblock" polymer in the broadest as set forth in claim 1, containing a first block, a second block and a compatibilizing "intermediate" block (i.e. (A)-(AB)-(B)). In the simplest term, the triblock polymer contains 2 homopolymers on the ends as first(A) and second (B) blocks, with an intermediate copolymer block (AB) that contains at least one monomer unit from first and second blocks. The elected triblock species is Example 1 on Page 24, wherein 1st block is methyl methacrylate/acrylic acid copolymer, the 2nd block is methyl acrylate homopolymer, and the intermediate block is methyl methacrylate/acid acid/methyl acrylate copolymer. Please search for this species, then the other 7 embodiments (8 variants total) listed on pages 21-24 (attached or will try to fax the 8 embodiments with the respective block constituents).

Special Instructions and Other Comments:

Key words: triblock/polyblock polymer, high/low glass transition (Tg) block, compatibilizing/incompatibilizing. Please give request to Ms. K. Fuller. Many thanks!

10/21/2006

=> d his ful

(FILE 'HOME' ENTERED AT 10:54:59 ON 31 OCT 2006)

FILE 'HCAPLUS' ENTERED AT 10:55:15 ON 31 OCT 2006

E US2003-670478/PRN,AP

L1 10 SEA ABB=ON US2003-670478/AP
D ALL 1-10
SEL RN 1-10

FILE 'REGISTRY' ENTERED AT 10:59:11 ON 31 OCT 2006

L2 47 SEA ABB=ON (676542-28-2/BI OR 676542-29-3/BI OR 676542-30-6/BI
OR 107-51-7/BI OR 141-62-8/BI OR 17955-88-3/BI OR 1873-90-1/BI
OR 27155-22-2/BI OR 31807-55-3/BI OR 34464-38-5/BI OR
540-97-6/BI OR 541-02-6/BI OR 556-67-2/BI OR 60908-77-2/BI OR
676542-31-7/BI OR 676546-89-7/BI OR 676619-29-7/BI OR 10323-20-
3/BI OR 107-92-6/BI OR 109-52-4/BI OR 126-13-6/BI OR 149-32-6/B
I OR 220208-71-9/BI OR 31900-57-9/BI OR 3458-28-4/BI OR
50-69-1/BI OR 50-70-4/BI OR 50-99-7/BI OR 57-48-7/BI OR
57-50-1/BI OR 57271-36-0/BI OR 58-86-6/BI OR 59-23-4/BI OR
63-42-3/BI OR 64-19-7/BI OR 65-85-0/BI OR 676597-60-7/BI OR
69-79-4/BI OR 74-85-1/BI OR 79-09-4/BI OR 79-31-2/BI OR
87-99-0/BI OR 9000-01-5/BI OR 9002-88-4/BI OR 9004-34-6/BI OR
9005-12-3/BI OR 9016-00-6/BI)
D SCAN

FILE 'STNGUIDE' ENTERED AT 10:59:57 ON 31 OCT 2006

FILE 'HCAPLUS' ENTERED AT 11:31:03 ON 31 OCT 2006

L3 0 SEA ABB=ON L1 AND (TG OT GLASS?(2A)TRAS?)
L4 0 SEA ABB=ON L1 AND (TG OR GLASS?(2A)TRAS?)
L5 9 SEA ABB=ON L1 AND (TG OR GLASS?(2A)TRANS?)
D HIT

FILE 'REGISTRY' ENTERED AT 11:32:29 ON 31 OCT 2006

L6 STR
L7 SCR 2043
DIS
L8 50 SEA SSS SAM L6 AND L7
L9 14 SEA ABB=ON L2 AND PMS/CI
D
L10 291341 SEA SSS FUL L6 AND L7
SAVE TEMP L10 PEZ670/A
L11 329208 SEA ABB=ON PACR/PCT
L12 284276 SEA ABB=ON L10 AND L11
L13 7 SEA ABB=ON L2 AND L12
L14 214654 SEA ABB=ON L12 AND 3-10/NC
D PCT 1-5
L15 154969 SEA ABB=ON L14 NOT PSTY/PCT
D PCT 1-5
L16 154969 SEA ABB=ON L15 NOT EO/PCT
L17 148923 SEA ABB=ON L15 NOT EP/PCT

FILE 'HCAPLUS' ENTERED AT 11:47:49 ON 31 OCT 2006

L18 102096 SEA ABB=ON L17
L19 1418 SEA ABB=ON L18(L)BLOCK
L20 1970 SEA ABB=ON L18(L)BLOCK?
L21 1167 SEA ABB=ON L20(L)PREP/RL
L22 4788 SEA ABB=ON L18 AND ?BLOCK?(4A)?POLYMER?

L23 44488 SEA ABB=ON L18 (L) PREP/RL
 L24 2689 SEA ABB=ON L22 AND L23
 L25 2806 SEA ABB=ON L21 OR L24
 L26 1 SEA ABB=ON L1 AND L25
 L27 10 SEA ABB=ON L18 AND L1
 L28 1 SEA ABB=ON L22 AND L27
 L29 10 SEA ABB=ON L23 AND L27
 L30 249 SEA ABB=ON L25 AND (TG OR GLASS? (2A) TRANS?)
 D HIT
 L31 48 SEA ABB=ON L25 AND (TG OR GLASS? (2A) TRANS?) (4A) (20 OR 40)
 D TI HIT FHITSTR 1-2
 L*** DEL 2 S L23 AND BLCOK?
 L32 3614 SEA ABB=ON L23 AND BLOCK?
 L33 0 SEA ABB=ON L32 AND PLASTIC//SC, SX
 L34 1647 SEA ABB=ON L32 AND PLASTIC?/SC, SX
 L35 32 SEA ABB=ON L34 AND (TG OR GLASS? (2A) TRANS?) (4A) (20 OR 40)
 L36 0 SEA ABB=ON L1 AND L35
 L37 0 SEA ABB=ON L31 AND L1
 L38 60 SEA ABB=ON L31 OR L35
 D TI FHITSTR 1-4

FILE 'REGISTRY' ENTERED AT 12:07:48 ON 31 OCT 2006

E ISOBORNYL METHACRYLATE/CN
 L39 1 SEA ABB=ON "ISOBORNYL METHACRYLATE"/CN
 D SCAN
 D RN
 L40 1742 SEA ABB=ON 7534-94-3/CRN
 E ISOBORNYL ACRYLATE/CN
 L41 1 SEA ABB=ON "ISOBORNYL ACRYLATE"/CN
 D SCAN
 D RN
 L42 2250 SEA ABB=ON 5888-33-5/CRN
 L43 73774 SEA ABB=ON 80-62-6/CRN
 L44 46517 SEA ABB=ON 141-32-2/CRN
 L45 18796 SEA ABB=ON 103-11-7/CRN
 L46 60673 SEA ABB=ON (L40 OR (L42 OR L43 OR L44 OR L45)) AND L17

FILE 'HCAPLUS' ENTERED AT 12:12:01 ON 31 OCT 2006

L47 52474 SEA ABB=ON L46
 L48 10 SEA ABB=ON L1 AND L47
 L49 4384 SEA ABB=ON L47 AND ?BLOCK?
 L50 22265 SEA ABB=ON L47 (L) PREP/RL
 L51 2324 SEA ABB=ON L49 AND L50
 L52 306 SEA ABB=ON L51 AND (TG OR GLASS? (2A) TRANS?)
 L53 147 SEA ABB=ON L52 AND PLASTIC?/SC, SX
 L54 12 SEA ABB=ON L53 AND ?COMPATI?
 D HIT
 L55 284 SEA ABB=ON L50 AND (TRIBLOCK? OR POLYBLOCK?)
 L56 29 SEA ABB=ON L52 AND L55
 L57 15 SEA ABB=ON L53 AND L56
 D HIT
 L58 487 SEA ABB=ON L23 AND (TRIBLOCK? OR POLYBLOCK?)
 L59 301 SEA ABB=ON L23 AND (TRIBLOCK? OR POLYBLOCK?) (3A) ?POLYMER?
 L60 126 SEA ABB=ON L59 AND PLASTIC?/SC, SX
 L61 19 SEA ABB=ON L60 AND (TG OR GLASS? (2A) TRANS? OR ?COMPATI?)
 L62 94 SEA ABB=ON L54 OR L57 OR L61 OR L38
 L63 82 SEA ABB=ON L62 AND (1840-2003)/PRY, AY, PY
 L64 0 SEA ABB=ON L1 AND L63
 L65 0 SEA ABB=ON L62 AND L1
 L66 38640 SEA ABB=ON L23 AND (1840-2003)/PRY, AY, PY

L67 10 SEA ABB=ON L27 AND (1840-2003)/PRY,AY,PY
L68 92 SEA ABB=ON L63 OR L67
SEL HIT RN L63 1-82
DEL SEL
SET COST OFF

FILE 'REGISTRY' ENTERED AT 12:26:08 ON 31 OCT 2006

FILE 'HCAPLUS' ENTERED AT 12:26:13 ON 31 OCT 2006

D QUE L67
D L67 BIB ABS HITIND HITSTR 1-10
D QUE L63
SEL HIT RN L63 1-82
D L63 BIB ABS HITIND FHITSTR 1-82
D QUE L63
D COST
L69 104 SEA ABB=ON L13
L70 49 SEA ABB=ON L69(L)PREP/RL
L71 49 SEA ABB=ON L2 AND L70
L72 19 SEA ABB=ON L70 AND ?BLOCK?
L73 1 SEA ABB=ON L1 AND L72
L74 1 SEA ABB=ON L72 AND L67
L75 108 SEA ABB=ON L68 OR L72
L76 102 SEA ABB=ON L75 AND (1840-2003)/PRY,AY,PY
L77 10 SEA ABB=ON L76 NOT (L68 OR L67)
D SCAN TI
D FHITSTR
D QUE
D L77 BIB ABS HITIND HITSTR 1-10

FILE HOME

FILE HCAPLUS

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FILE COVERS 1907 - 31 Oct 2006 VOL 145 ISS 19
FILE LAST UPDATED: 30 Oct 2006 (20061030/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 30 OCT 2006 HIGHEST RN 911633-89-1
DICTIONARY FILE UPDATES: 30 OCT 2006 HIGHEST RN 911633-89-1

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FILE STNGUIDE

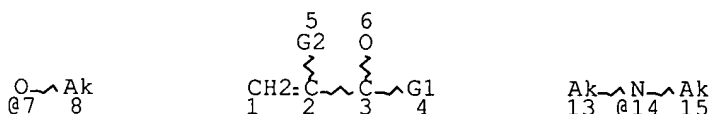
FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Oct 27, 2006 (20061027/UP).

=> d que

L1 10 SEA FILE=HCAPLUS ABB=ON US2003-670478/AP
L2 47 SEA FILE=REGISTRY ABB=ON (676542-28-2/BI OR 676542-29-3/BI OR
676542-30-6/BI OR 107-51-7/BI OR 141-62-8/BI OR 17955-88-3/BI
OR 1873-90-1/BI OR 27155-22-2/BI OR 31807-55-3/BI OR 34464-38-5
/BI OR 540-97-6/BI OR 541-02-6/BI OR 556-67-2/BI OR 60908-77-2/
BI OR 676542-31-7/BI OR 676546-89-7/BI OR 676619-29-7/BI OR
10323-20-3/BI OR 107-92-6/BI OR 109-52-4/BI OR 126-13-6/BI OR
149-32-6/BI OR 220208-71-9/BI OR 31900-57-9/BI OR 3458-28-4/BI
OR 50-69-1/BI OR 50-70-4/BI OR 50-99-7/BI OR 57-48-7/BI OR
57-50-1/BI OR 57271-36-0/BI OR 58-86-6/BI OR 59-23-4/BI OR
63-42-3/BI OR 64-19-7/BI OR 65-85-0/BI OR 676597-60-7/BI OR
69-79-4/BI OR 74-85-1/BI OR 79-09-4/BI OR 79-31-2/BI OR
87-99-0/BI OR 9000-01-5/BI OR 9002-88-4/BI OR 9004-34-6/BI OR
9005-12-3/BI OR 9016-00-6/BI)
L6 STR

NH~Ak
@11 12



O~Cb
@9 10

VAR G1=7/9/NH2/11/14

VAR G2=H/CH3

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

GGCAT IS SAT AT 10

DEFAULT ECLEVEL IS LIMITED

ECOUNT IS M1-X12 C AT 8

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 15

STEREO ATTRIBUTES: NONE

L7 SCR 2043

L10 291341 SEA FILE=REGISTRY SSS FUL L6 AND L7

L11 329208 SEA FILE=REGISTRY ABB=ON PACR/PCT

L12 284276 SEA FILE=REGISTRY ABB=ON L10 AND L11

L13 7 SEA FILE=REGISTRY ABB=ON L2 AND L12

L14 214654 SEA FILE=REGISTRY ABB=ON L12 AND 3-10/NC

L15 154969 SEA FILE=REGISTRY ABB=ON L14 NOT PSTY/PCT

L17 148923 SEA FILE=REGISTRY ABB=ON L15 NOT EP/PCT

L18 102096 SEA FILE=HCAPLUS ABB=ON L17

L20 1970 SEA FILE=HCAPLUS ABB=ON L18 (L) BLOCK?

L21 1167 SEA FILE=HCAPLUS ABB=ON L20 (L) PREP/RL

L22 4788 SEA FILE=HCAPLUS ABB=ON L18 AND ?BLOCK? (4A) ?POLYMER?

L23 44488 SEA FILE=HCAPLUS ABB=ON L18 (L) PREP/RL

L24 2689 SEA FILE=HCAPLUS ABB=ON L22 AND L23

L25 2806 SEA FILE=HCAPLUS ABB=ON L21 OR L24

L27 10 SEA FILE=HCAPLUS ABB=ON L18 AND L1

L31 48 SEA FILE=HCAPLUS ABB=ON L25 AND (TG OR GLASS? (2A) TRANS?) (4A) (2
0 OR 40)

L32 3614 SEA FILE=HCAPLUS ABB=ON L23 AND BLOCK?

L34 1647 SEA FILE=HCAPLUS ABB=ON L32 AND PLASTIC?/SC, SX

L35 32 SEA FILE=HCAPLUS ABB=ON L34 AND (TG OR GLASS? (2A) TRANS?) (4A) (2
0 OR 40)

L38 60 SEA FILE=HCAPLUS ABB=ON L31 OR L35

L40 1742 SEA FILE=REGISTRY ABB=ON 7534-94-3/CRN

L42 2250 SEA FILE=REGISTRY ABB=ON 5888-33-5/CRN

L43 73774 SEA FILE=REGISTRY ABB=ON 80-62-6/CRN

L44 46517 SEA FILE=REGISTRY ABB=ON 141-32-2/CRN

L45 18796 SEA FILE=REGISTRY ABB=ON 103-11-7/CRN

L46 60673 SEA FILE=REGISTRY ABB=ON (L40 OR (L42 OR L43 OR L44 OR L45))
AND L17

L47 52474 SEA FILE=HCAPLUS ABB=ON L46

L49 4384 SEA FILE=HCAPLUS ABB=ON L47 AND ?BLOCK?

L50 22265 SEA FILE=HCAPLUS ABB=ON L47 (L) PREP/RL

L51 2324 SEA FILE=HCAPLUS ABB=ON L49 AND L50

L52 306 SEA FILE=HCAPLUS ABB=ON L51 AND (TG OR GLASS? (2A) TRANS?)

L53 147 SEA FILE=HCAPLUS ABB=ON L52 AND PLASTIC?/SC, SX

L54 12 SEA FILE=HCAPLUS ABB=ON L53 AND ?COMPATI?

L55 284 SEA FILE=HCAPLUS ABB=ON L50 AND (TRIBLOCK? OR POLYBLOCK?)

L56 29 SEA FILE=HCAPLUS ABB=ON L52 AND L55

L57 15 SEA FILE=HCAPLUS ABB=ON L53 AND L56

L59 301 SEA FILE=HCAPLUS ABB=ON L23 AND (TRIBLOCK? OR POLYBLOCK?) (3A) ?
POLYMER?

L60 126 SEA FILE=HCAPLUS ABB=ON L59 AND PLASTIC?/SC, SX

L61 19 SEA FILE=HCAPLUS ABB=ON L60 AND (TG OR GLASS? (2A) TRANS? OR
?COMPATI?)

L62 94 SEA FILE=HCAPLUS ABB=ON L54 OR L57 OR L61 OR L38

L63 82 SEA FILE=HCAPLUS ABB=ON L62 AND (1840-2003)/PRY, AY, PY

L67 10 SEA FILE=HCAPLUS ABB=ON L27 AND (1840-2003)/PRY, AY, PY

L68 92 SEA FILE=HCAPLUS ABB=ON L63 OR L67

L69 104 SEA FILE=HCAPLUS ABB=ON L13

L70 49 SEA FILE=HCAPLUS ABB=ON L69 (L) PREP/RL

L72 19 SEA FILE=HCAPLUS ABB=ON L70 AND ?BLOCK?

L75 108 SEA FILE=HCAPLUS ABB=ON L68 OR L72

L76 102 SEA FILE=HCAPLUS ABB=ON L75 AND (1840-2003)/PRY, AY, PY

L77 10 SEA FILE=HCAPLUS ABB=ON L76 NOT (L68 OR L67)

=> d cost

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
76.57	253.04
1.86	11.10
0.00	213.74
563.81	649.85
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642.24	1127.73

CONNECT CHARGES

NETWORK CHARGES

SEARCH CHARGES

DISPLAY CHARGES

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE	TOTAL
ENTRY	SESSION
-76.50	-87.75

IN FILE 'HCAPLUS' AT 14:21:52 ON 31 OCT 2006

=> log h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
644.77	1130.26

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE	TOTAL
ENTRY	SESSION
-76.50	-87.75

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 14:22:32 ON 31 OCT 2006

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=> file hcapl

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FILE COVERS 1907 - 31 Oct 2006 VOL 145 ISS 19
FILE LAST UPDATED: 30 Oct 2006 (20061030/ED)

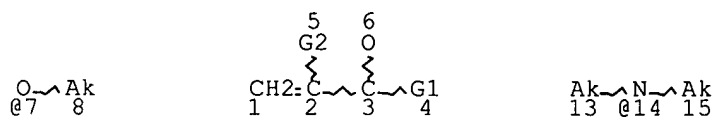
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This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> d que 167

L1 10 SEA FILE=HCAPLUS ABB=ON US2003-670478/AP
L6 STR

NH~Ak
@11 12



O~Cb
@9 10

VAR G1=7/9/NH2/11/14

VAR G2=H/CH3

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

GGCAT IS SAT AT 10

DEFAULT ECLEVEL IS LIMITED

ECOUNT IS M1-X12 C AT 8

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 15

STEREO ATTRIBUTES: NONE

L7 SCR 2043

L10 291341 SEA FILE=REGISTRY SSS FUL L6 AND L7

L11 329208 SEA FILE=REGISTRY ABB=ON PACR/PCT

L12 284276 SEA FILE=REGISTRY ABB=ON L10 AND L11

L14 214654 SEA FILE=REGISTRY ABB=ON L12 AND 3-10/NC

L15 154969 SEA FILE=REGISTRY ABB=ON L14 NOT PSTY/PCT

L17 148923 SEA FILE=REGISTRY ABB=ON L15 NOT EP/PCT

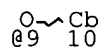
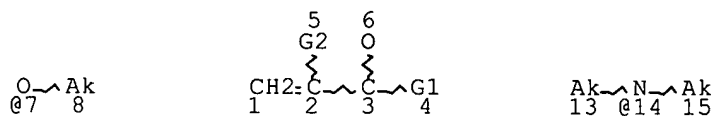
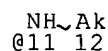
L18 102096 SEA FILE=HCAPLUS ABB=ON L17

L27 10 SEA FILE=HCAPLUS ABB=ON L18 AND L1

L67 10 SEA FILE=HCAPLUS ABB=ON L27 AND (1840-2003)/PRY,AY,PY

=> d que 163

L6 STR



VAR G1=7/9/NH2/11/14

VAR G2=H/CH3

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

GGCAT IS SAT AT 10

DEFAULT ECLEVEL IS LIMITED

ECOUNT IS M1-X12 C AT 8

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 15

STEREO ATTRIBUTES: NONE

L7 SCR 2043

L10 291341 SEA FILE=REGISTRY SSS FUL L6 AND L7

L11 329208 SEA FILE=REGISTRY ABB=ON PACR/PCT

L12 284276 SEA FILE=REGISTRY ABB=ON L10 AND L11

L14 214654 SEA FILE=REGISTRY ABB=ON L12 AND 3-10/NC

L15 154969 SEA FILE=REGISTRY ABB=ON L14 NOT PSTY/PCT

L17 148923 SEA FILE=REGISTRY ABB=ON L15 NOT EP/PCT

L18 102096 SEA FILE=HCAPLUS ABB=ON L17

L20 1970 SEA FILE=HCAPLUS ABB=ON L18(L) BLOCK?

L21 1167 SEA FILE=HCAPLUS ABB=ON L20(L) PREP/RL

L22 4788 SEA FILE=HCAPLUS ABB=ON L18 AND ?BLOCK?(4A)?POLYMER?

L23 44488 SEA FILE=HCAPLUS ABB=ON L18(L) PREP/RL

L24 2689 SEA FILE=HCAPLUS ABB=ON L22 AND L23

L25 2806 SEA FILE=HCAPLUS ABB=ON L21 OR L24

L31 48 SEA FILE=HCAPLUS ABB=ON L25 AND (TG OR GLASS?(2A)TRANS?) (4A) (2
0 OR 40)

L32 3614 SEA FILE=HCAPLUS ABB=ON L23 AND BLOCK?

L34 1647 SEA FILE=HCAPLUS ABB=ON L32 AND PLASTIC?/SC,SX

L35 32 SEA FILE=HCAPLUS ABB=ON L34 AND (TG OR GLASS?(2A)TRANS?) (4A) (2
0 OR 40)

L38 60 SEA FILE=HCAPLUS ABB=ON L31 OR L35

L40 1742 SEA FILE=REGISTRY ABB=ON 7534-94-3/CRN

L42 2250 SEA FILE=REGISTRY ABB=ON 5888-33-5/CRN

L43 73774 SEA FILE=REGISTRY ABB=ON 80-62-6/CRN

L44 46517 SEA FILE=REGISTRY ABB=ON 141-32-2/CRN

L45 18796 SEA FILE=REGISTRY ABB=ON 103-11-7/CRN

L46 60673 SEA FILE=REGISTRY ABB=ON (L40 OR (L42 OR L43 OR L44 OR L45))
AND L17

L47 52474 SEA FILE=HCAPLUS ABB=ON L46

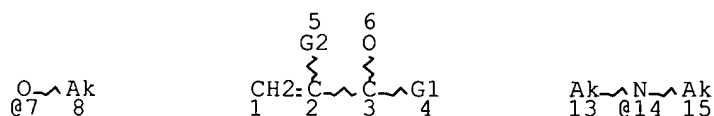
L49	4384	SEA FILE=HCAPLUS	ABB=ON	L47 AND ?BLOCK?
L50	22265	SEA FILE=HCAPLUS	ABB=ON	L47 (L) PREP/RL
L51	2324	SEA FILE=HCAPLUS	ABB=ON	L49 AND L50
L52	306	SEA FILE=HCAPLUS	ABB=ON	L51 AND (TG OR GLASS?(2A)TRANS?)
L53	147	SEA FILE=HCAPLUS	ABB=ON	L52 AND PLASTIC?/SC, SX
L54	12	SEA FILE=HCAPLUS	ABB=ON	L53 AND ?COMPATI?
L55	284	SEA FILE=HCAPLUS	ABB=ON	L50 AND (TRIBLOCK? OR POLYBLOCK?)
L56	29	SEA FILE=HCAPLUS	ABB=ON	L52 AND L55
L57	15	SEA FILE=HCAPLUS	ABB=ON	L53 AND L56
L59	301	SEA FILE=HCAPLUS	ABB=ON	L23 AND (TRIBLOCK? OR POLYBLOCK?) (3A)?
			POLYMER?	
L60	126	SEA FILE=HCAPLUS	ABB=ON	L59 AND PLASTIC?/SC, SX
L61	19	SEA FILE=HCAPLUS	ABB=ON	L60 AND (TG OR GLASS?(2A)TRANS? OR
			?COMPATI?)	
L62	94	SEA FILE=HCAPLUS	ABB=ON	L54 OR L57 OR L61 OR L38
L63	82	SEA FILE=HCAPLUS	ABB=ON	L62 AND (1840-2003)/PRY, AY, PY

=> sel hit rn 163 1-82
E1 THROUGH E330 ASSIGNED

=> => d que

L1 10 SEA FILE=HCAPLUS ABB=ON US2003-670478/AP
L2 47 SEA FILE=REGISTRY ABB=ON (676542-28-2/BI OR 676542-29-3/BI OR
676542-30-6/BI OR 107-51-7/BI OR 141-62-8/BI OR 17955-88-3/BI
OR 1873-90-1/BI OR 27155-22-2/BI OR 31807-55-3/BI OR 34464-38-5
/BI OR 540-97-6/BI OR 541-02-6/BI OR 556-67-2/BI OR 60908-77-2/
BI OR 676542-31-7/BI OR 676546-89-7/BI OR 676619-29-7/BI OR
10323-20-3/BI OR 107-92-6/BI OR 109-52-4/BI OR 126-13-6/BI OR
149-32-6/BI OR 220208-71-9/BI OR 31900-57-9/BI OR 3458-28-4/BI
OR 50-69-1/BI OR 50-70-4/BI OR 50-99-7/BI OR 57-48-7/BI OR
57-50-1/BI OR 57271-36-0/BI OR 58-86-6/BI OR 59-23-4/BI OR
63-42-3/BI OR 64-19-7/BI OR 65-85-0/BI OR 676597-60-7/BI OR
69-79-4/BI OR 74-85-1/BI OR 79-09-4/BI OR 79-31-2/BI OR
87-99-0/BI OR 9000-01-5/BI OR 9002-88-4/BI OR 9004-34-6/BI OR
9005-12-3/BI OR 9016-00-6/BI)
L6 STR

NH~Ak
@11 12



O~Cb
@9 10

VAR G1=7/9/NH2/11/14

VAR G2=H/CH3

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

GGCAT IS SAT AT 10

DEFAULT ECLEVEL IS LIMITED

ECOUNT IS M1-X12 C AT 8

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 15

STEREO ATTRIBUTES: NONE

L7 SCR 2043

L10 291341 SEA FILE=REGISTRY SSS FUL L6 AND L7

L11 329208 SEA FILE=REGISTRY ABB=ON PACR/PCT

L12 284276 SEA FILE=REGISTRY ABB=ON L10 AND L11

L13 7 SEA FILE=REGISTRY ABB=ON L2 AND L12

L14 214654 SEA FILE=REGISTRY ABB=ON L12 AND 3-10/NC

L15 154969 SEA FILE=REGISTRY ABB=ON L14 NOT PSTY/PCT

L17 148923 SEA FILE=REGISTRY ABB=ON L15 NOT EP/PCT

L18 102096 SEA FILE=HCAPLUS ABB=ON L17

L20 1970 SEA FILE=HCAPLUS ABB=ON L18(L) BLOCK?

L21 1167 SEA FILE=HCAPLUS ABB=ON L20(L) PREP/RL

L22 4788 SEA FILE=HCAPLUS ABB=ON L18 AND ?BLOCK?(4A)?POLYMER?

L23 44488 SEA FILE=HCAPLUS ABB=ON L18(L) PREP/RL

L24 2689 SEA FILE=HCAPLUS ABB=ON L22 AND L23

L25	2806	SEA FILE=HCAPLUS ABB=ON	L21 OR L24
L27	10	SEA FILE=HCAPLUS ABB=ON	L18 AND L1
L31	48	SEA FILE=HCAPLUS ABB=ON	L25 AND (TG OR GLASS?(2A)TRANS?) (4A) (2 0 OR 40)
L32	3614	SEA FILE=HCAPLUS ABB=ON	L23 AND BLOCK?
L34	1647	SEA FILE=HCAPLUS ABB=ON	L32 AND PLASTIC?/SC, SX
L35	32	SEA FILE=HCAPLUS ABB=ON	L34 AND (TG OR GLASS?(2A)TRANS?) (4A) (2 0 OR 40)
L38	60	SEA FILE=HCAPLUS ABB=ON	L31 OR L35
L40	1742	SEA FILE=REGISTRY ABB=ON	7534-94-3/CRN
L42	2250	SEA FILE=REGISTRY ABB=ON	5888-33-5/CRN
L43	73774	SEA FILE=REGISTRY ABB=ON	80-62-6/CRN
L44	46517	SEA FILE=REGISTRY ABB=ON	141-32-2/CRN
L45	18796	SEA FILE=REGISTRY ABB=ON	103-11-7/CRN
L46	60673	SEA FILE=REGISTRY ABB=ON	(L40 OR (L42 OR L43 OR L44 OR L45)) AND L17
L47	52474	SEA FILE=HCAPLUS ABB=ON	L46
L49	4384	SEA FILE=HCAPLUS ABB=ON	L47 AND ?BLOCK?
L50	22265	SEA FILE=HCAPLUS ABB=ON	L47 (L) PREP/RL
L51	2324	SEA FILE=HCAPLUS ABB=ON	L49 AND L50
L52	306	SEA FILE=HCAPLUS ABB=ON	L51 AND (TG OR GLASS?(2A)TRANS?)
L53	147	SEA FILE=HCAPLUS ABB=ON	L52 AND PLASTIC?/SC, SX
L54	12	SEA FILE=HCAPLUS ABB=ON	L53 AND ?COMPATI?
L55	284	SEA FILE=HCAPLUS ABB=ON	L50 AND (TRIBLOCK? OR POLYBLOCK?)
L56	29	SEA FILE=HCAPLUS ABB=ON	L52 AND L55
L57	15	SEA FILE=HCAPLUS ABB=ON	L53 AND L56
L59	301	SEA FILE=HCAPLUS ABB=ON	L23 AND (TRIBLOCK? OR POLYBLOCK?) (3A)? POLYMER?
L60	126	SEA FILE=HCAPLUS ABB=ON	L59 AND PLASTIC?/SC, SX
L61	19	SEA FILE=HCAPLUS ABB=ON	L60 AND (TG OR GLASS?(2A)TRANS? OR ?COMPATI?)
L62	94	SEA FILE=HCAPLUS ABB=ON	L54 OR L57 OR L61 OR L38
L63	82	SEA FILE=HCAPLUS ABB=ON	L62 AND (1840-2003)/PRY, AY, PY
L67	10	SEA FILE=HCAPLUS ABB=ON	L27 AND (1840-2003)/PRY, AY, PY
L68	92	SEA FILE=HCAPLUS ABB=ON	L63 OR L67
L69	104	SEA FILE=HCAPLUS ABB=ON	L13
L70	49	SEA FILE=HCAPLUS ABB=ON	L69(L) PREP/RL
L72	19	SEA FILE=HCAPLUS ABB=ON	L70 AND ?BLOCK?
L75	108	SEA FILE=HCAPLUS ABB=ON	L68 OR L72
L76	102	SEA FILE=HCAPLUS ABB=ON	L75 AND (1840-2003)/PRY, AY, PY
L77	10	SEA FILE=HCAPLUS ABB=ON	L76 NOT (L68 OR L67)